

10649443_CLS.txt
Most Frequently Occurring Classifications of Patents Returned
From A Search of 10649443 on June 13, 2006

Original Classifications

5 343/895
4 343/702
3 343/713
2 330/126
2 342/357.1
2 343/703
2 343/715
2 370/480
2 455/80

Cross-Reference Classifications

7 343/702
4 343/715
4 455/277.1
3 343/906
3 455/575.7
2 330/124R
2 330/295
2 330/306
2 342/357.06
2 342/357.13
2 343/767
2 343/770
2 343/846
2 343/901
2 375/347
2 455/129
2 455/133
2 455/277.2
2 701/213

Combined Classifications

11 343/702
6 343/715
6 343/895
4 343/713
4 455/277.1
4 455/575.7
3 343/703
3 343/906
2 330/124R
2 330/126
2 330/295
2 330/306
2 342/357.06
2 342/357.1
2 342/357.13
2 343/767
2 343/770
2 343/846
2 343/866
2 343/901
2 370/480
2 375/347
2 455/129
2 455/133
2 455/135
2 455/277.2

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2 455/80
2 701/213

Titles of Most Frequently Occurring Classifications of Patents Returned
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- 11 343/702 (4 OR, 7 XR)
Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
343/700R ANTENNAS
343/702 .with radio cabinet
- 6 343/715 (2 OR, 4 XR)
Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
343/700R ANTENNAS
343/711 .with vehicle
343/713 ..Supported by vehicle body
343/715 ...Rod type
- 6 343/895 (5 OR, 1 XR)
Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
343/700R ANTENNAS
343/895 .Spiral or helical type
- 4 343/713 (3 OR, 1 XR)
Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
343/700R ANTENNAS
343/711 .with vehicle
343/713 ..Supported by vehicle body
- 4 455/277.1 (0 OR, 4 XR)
Class 455 : TELECOMMUNICATIONS
455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY
CONVERTER
455/269 .with wave collector (e.g., antenna)
455/272 ..Plural separate collectors
455/277.1 ...Selectively or alternately connected to
receiver
- 4 455/575.7 (1 OR, 3 XR)
Class 455 : TELECOMMUNICATIONS
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.,
TRANSCIVER)
455/550.1 .Radiotelephone equipment detail
455/575.1 ..Housing or support
455/575.7 ...Having specific antenna arrangement
- 3 343/703 (2 OR, 1 XR)
Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
343/700R ANTENNAS
343/703 .Measuring signal energy
- 3 343/906 (0 OR, 3 XR)
Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
343/700R ANTENNAS
343/904 .Combined
343/906 ..with electrical connector
- 2 330/124R (0 OR, 2 XR)
Class 330 : AMPLIFIERS
330/124R WITH PLURAL AMPLIFIER CHANNELS (E.G., PARALLEL
AMPLIFIER CHANNELS)
- 2 330/126 (2 OR, 0 XR)
Class 330 : AMPLIFIERS
330/124R WITH PLURAL AMPLIFIER CHANNELS (E.G., PARALLEL

AMPLIFIER CHANNELS)

- 330/126 .Amplifying different frequencies in different channels
- 2 330/295 (0 OR, 2 XR)
 Class 330 : AMPLIFIERS
 330/250 WITH SEMICONDUCTOR AMPLIFYING DEVICE (E.G., TRANSISTOR)
 330/295 .Including plural amplifier channels
- 2 330/306 (0 OR, 2 XR)
 Class 330 : AMPLIFIERS
 330/250 WITH SEMICONDUCTOR AMPLIFYING DEVICE (E.G., TRANSISTOR)
 330/302 .Including frequency-responsive means in the signal transmission path
 330/306 ..And bandpass, broadband (e.g., wideband) or sidepass means
- 2 342/357.06 (0 OR, 2 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
 342/350 DIRECTIVE
 342/352 .Including a satellite
 342/357.01 ..With position indicating
 342/357.06 ...Using Global Positioning Satellite (GPS or Glonass)
- 2 342/357.1 (2 OR, 0 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
 342/350 DIRECTIVE
 342/352 .Including a satellite
 342/357.01 ..With position indicating
 342/357.06 ...Using Global Positioning Satellite (GPS or Glonass)
 342/357.1Combined with telecommunication
- 2 342/357.13 (0 OR, 2 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
 342/350 DIRECTIVE
 342/352 .Including a satellite
 342/357.01 ..With position indicating
 342/357.06 ...Using Global Positioning Satellite (GPS or Glonass)
 342/357.13With storage device (i.e., map or database)
- 2 343/767 (0 OR, 2 XR)
 Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
 343/700R ANTENNAS
 343/767 .Slot type
- 2 343/770 (0 OR, 2 XR)
 Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
 343/700R ANTENNAS
 343/767 .Slot type
 343/770 ..Plural
- 2 343/846 (0 OR, 2 XR)
 Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
 343/700R ANTENNAS

- 343/846 .with grounding structure (including counterpoises)
- 2 343/866 (1 OR, 1 XR)
 Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
 343/700R ANTENNAS
 343/866 .Loop type
- 2 343/901 (0 OR, 2 XR)
 Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
 343/700R ANTENNAS
 343/900 .Rod type
 343/901 ..Telescoping
- 2 370/480 (2 OR, 0 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/473 ..Transmission of a single message having multiple packets
 370/480 .Combining or distributing information via frequency channels
- 2 375/347 (0 OR, 2 XR)
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 375/316 RECEIVERS
 375/346 .Interference or noise reduction
 375/347 ..Diversity (frequency or time)
- 2 455/129 (0 OR, 2 XR)
 Class 455 : TELECOMMUNICATIONS
 455/91 TRANSMITTER
 455/129 .with coupled antenna
- 2 455/133 (0 OR, 2 XR)
 Class 455 : TELECOMMUNICATIONS
 455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY CONVERTER
 455/132 .Plural receivers
 455/133 ..with output selecting
- 2 455/135 (1 OR, 1 XR)
 Class 455 : TELECOMMUNICATIONS
 455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY CONVERTER
 455/132 .Plural receivers
 455/133 ..with output selecting
 455/135 ...By signal quality (e.g., signal to noise ratio)
- 2 455/277.2 (0 OR, 2 XR)
 Class 455 : TELECOMMUNICATIONS
 455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY CONVERTER
 455/269 .with wave collector (e.g., antenna)
 455/272 ..Plural separate collectors
 455/277.1 ...selectively or alternately connected to receiver
 455/277.2By signal quality (e.g., noise)
- 2 455/80 (2 OR, 0 XR)
 Class 455 : TELECOMMUNICATIONS
 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G., TRANSCEIVER)
 455/78 .with transmitter-receiver switching or

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interaction prevention

455/79

..Automatic (e.g., voice operated)

455/80

...with distributed parameter coupling

2 701/213 (0 OR, 2 XR)

Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
RELATIVE LOCATION

701/200 NAVIGATION

701/207 .Employing position determining equipment

701/213 ..Using Global Positioning System (GPS)

PLUS Search Results for S/N 10649443, Searched June 13, 2006

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

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